

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 725 | 713/168.ccls. | USPAT | OR | ON | 2006/06/15 06:49 |
| L2 | 82 | keech.in. | USPAT | OR | ON | 2006/06/15 06:49 |
| L3 | 1 | keech.in. and swivel.as. | USPAT | OR | ON | 2006/06/15 06:56 |
| L4 | 0 | "681974".ccls. | USPAT | OR | ON | 2006/06/15 06:56 |
| L5 | 0 | "681974".pn. | USPAT | OR | ON | 2006/06/15 06:56 |
| L6 | 1 | "6816974".pn. | USPAT | OR | ON | 2006/06/15 07:19 |
| L7 | 808 | (card integrated adj circuit smartcard smart adj card system-on-a-chip) same (pseudo-random pseudorandom random) same transaction | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:21 |
| L8 | 77 | (card integrated adj circuit smartcard smart adj card system-on-a-chip) same (pseudo-random pseudorandom random) same transaction same (connected received) same (host server central) | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:30 |
| L9 | 5 | ("4697072" "5343529" "5530438" "6748367" "5408417").pn. | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:31 |
| L10 | 46 | ("4697072").URPN. | USPAT | OR | ON | 2006/06/15 07:56 |
| L11 | 1 | one-time adj transaction adj code | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:56 |
| L12 | 74 | unique adj transaction adj code | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:56 |
| L13 | 15 | unique adj transaction adj code and (ic integrated adj circuit smart adj card smart-card) | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:44 |
| L14 | 2 | supply\$3 with (pseudorandom pseudo-random pseudo adj random) with (code string) and (display with (code string) with user) | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:49 |
| L15 | 1 | "6246769".pn. | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:49 |
| L16 | 1 | ("6246769").URPN. | USPAT | OR | ON | 2006/06/15 09:49 |
| L17 | 1 | ("6163771".pn.) and (random string number host transaction supply\$ transmit\$ display\$ show\$ present\$ verif\$ authenticat\$ encod\$ encrypt\$) | USPAT | OR | ON | 2006/06/15 10:36 |
| L18 | 1 | (generate with transaction with (code number) same transmit\$) same (samrt adj card smartcard integrated adj circuit) | USPAT | OR | ON | 2006/06/15 10:37 |
| L19 | 3910 | (smart adj card smartcard integrated adj circuit) same (receiv\$ with (transaction code number)) | USPAT | OR | ON | 2006/06/15 10:38 |
| L20 | 189 | (smart adj card smartcard integrated adj circuit) same (receiv\$ with (transaction code number)) and (point adj sale electronic adj funds adj transfer) | USPAT | OR | ON | 2006/06/15 10:43 |
| L21 | 85 | (smart adj card smartcard integrated adj circuit) with (receiv\$ with (transaction code number)) and (point adj sale electronic adj funds adj transfer) | USPAT | OR | ON | 2006/06/15 11:00 |
| L22 | 1 | "6163771".pn. and receiv\$ | USPAT | OR | ON | 2006/06/15 11:37 |
| L23 | 2 | ("5936221" "6163771").pn. and (point sale electronic fund transfer) | USPAT | OR | ON | 2006/06/15 11:49 |
| L24 | 2 | ("5936221" "6163771").pn. and (touch\$ display) | USPAT | OR | ON | 2006/06/15 11:59 |
| L25 | 1 | ("5936221" "6163771").pn. and (wireless) | USPAT | OR | ON | 2006/06/15 12:27 |
| L26 | 725 | 713/168.ccls. | USPAT | OR | ON | 2006/06/15 12:27 |
| L27 | 16 | (US-20040236819-\$).did. or (US-6343360-\$ or US-6285916-\$ or US-6002918-\$ or US-5611051-\$ or US-5537313-\$ or US-5481509-\$ or US-5408417-\$ or US-6216183-\$ or US-6539363-\$ or US-6163771-\$ or US-6484260-\$ or US-6687350-\$ or US-5936221-\$ or US-6760796-\$ or US-6289324-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:30 |

EAST Search History

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|-----|--------|---|--------------------|----|----|------------------|
| L28 | 53 | ("20020013904" "4697072" "4720860" "4885778" "4998279" "5023908" "5056141" "5058161" "5097505" "5163097" "5168520" "5177789" "5195133" "5196840" "5237614" "5239583" "5297202" "5343529" "5355413" "5361062" "5367572" "5408417" "5479512" "5481509" "5485519" "5530438" "5537313" "5606614" "5627355" "5646998" "5655020" "5657388" "5661284" "5661807" "5668876" "5778173" "5936541" "5971272" "5988497" "6000832" "6003014" "6018717" "6175922" "6216183" "6282656" "6285916" "6332192" "6343360" "6539363" "6594759" "6732278" "6748367" "6816974").PN. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| L29 | 9 | I27 not I28 | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| L30 | 9 | (US-20040236819-\$).did. or (US-6760796-\$ or US-6687350-\$ or US-6484260-\$ or US-6289324-\$ or US-6163771-\$ or US-6002918-\$ or US-5936221-\$ or US-5611051-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| S1 | 233 | short adj messaging adj service | USPAT | OR | ON | 2006/06/15 06:46 |
| S2 | 59 | electronic same funds same transfer same point-of-sale | USPAT | OR | ON | 2005/01/14 12:25 |
| S3 | 59 | electronic same funds same transfer same (point-of-sale or point\$1of\$1sale) | USPAT | OR | ON | 2005/01/07 16:58 |
| S6 | 9 | "5023908".pn. or "5343529".pn. or "5668876".pn. or "5724423".pn. or "5754652".pn. or "5971272".pn. or "6078908".pn. or "6182894".pn. or "6189098".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/07 14:42 |
| S7 | 1532 | secure adj transaction | US-PGPUB; USPAT | OR | ON | 2005/01/07 14:43 |
| S8 | 175 | secure adj transaction and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 14:47 |
| S9 | 351 | ((point adj2 sale) or (point adj2 service)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 14:47 |
| S10 | 301 | secur\$4 and ((point adj2 sale) or (point adj2 service)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:17 |
| S11 | 4 | ("6189098").URPN. | USPAT | OR | ON | 2005/01/07 14:50 |
| S12 | 45 | ("5023908").URPN. | USPAT | OR | ON | 2005/01/07 14:51 |
| S13 | 8 | ("5754652").URPN. | USPAT | OR | ON | 2005/01/07 14:57 |
| S14 | 30 | ("5668876").URPN. | USPAT | OR | ON | 2005/01/07 15:01 |
| S15 | 1007 | (identity same verif\$8) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:17 |
| S16 | 49 | ((identity same verif\$8) and (secure adj transact\$3)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:25 |
| S17 | 13728 | wang.in. | USPAT | OR | ON | 2005/01/07 16:25 |
| S18 | 83 | wang.in. and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:25 |
| S19 | 592526 | PIN or personal adj identification adj number | USPAT | OR | ON | 2005/01/07 16:58 |
| S20 | 592526 | PIN or (personal adj identification adj number) | USPAT | OR | ON | 2005/01/14 12:25 |
| S21 | 2955 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) | USPAT | OR | ON | 2005/01/07 16:59 |
| S22 | 96 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) and (secure adj transaction) | USPAT | OR | ON | 2005/01/07 17:03 |
| S23 | 12 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) and (secure adj transaction) and one-time | USPAT | OR | ON | 2005/01/07 17:03 |
| S24 | 50 | ("5168520").URPN. | USPAT | OR | ON | 2005/01/07 17:13 |
| S25 | 0 | 705/64+.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:15 |
| S26 | 467 | 705/64.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:17 |
| S27 | 1807 | 705/64-79.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:17 |
| S28 | 941 | 705/64-79.ccls. | USPAT | OR | ON | 2005/01/14 10:19 |
| S29 | 155 | 705/64-79.ccls. and wireless | USPAT | OR | ON | 2005/01/14 10:19 |

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|-----|---------|--|---|----|----|------------------|
| S30 | 1797942 | PIN or (personal adj identification adj number) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:25 |
| S31 | 2341 | electronic adj funds adj transfer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:26 |
| S32 | 14110 | point adj sale | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S33 | 350 | S30 and S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:26 |
| S34 | 17451 | EFT or (electronic adj funds adj transfer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S35 | 779881 | POS or (point adj sale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S36 | 7009 | S30 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S37 | 4554 | S36 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:28 |
| S38 | 348 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:29 |
| S39 | 637 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls. or "235"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:30 |
| S40 | 190 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls. or "235"/\$.ccls.) and host and secur\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:31 |

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|-----|------|---|---|----|----|------------------|
| S42 | 111 | S37 and host and secur\$4 and wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:04 |
| S43 | 18 | ("5343529" "5724423" "5971272" "5668876" "5754652" "6189098" "6078908" "5023908" "6182894").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:10 |
| S44 | 6 | ("5168520" "5940511" "5988497").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:18 |
| S45 | 6 | ("5988497").URPN. | USPAT | OR | ON | 2005/01/14 13:10 |
| S46 | 17 | ("4720860" "4812628" "5109408" "5130519" "5168520" "5177342" "5239583" "5251259" "5311594" "5317636" "5345380" "5513250" "5530235" "5583864" "5615408" "5617470" "5627355").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:11 |
| S47 | 3 | ("5168520" "5940511" "5988497").PN. | USPAT | OR | ON | 2005/01/14 13:19 |
| S48 | 7 | ("5060263" "5093861" "5130519" "5168520" "5196840" "5239583" "5655020").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:19 |
| S49 | 8 | ("5940511").URPN. | USPAT | OR | ON | 2005/01/14 13:21 |
| S50 | 6 | ("5988497").URPN. | USPAT | OR | ON | 2005/01/14 13:23 |
| S51 | 50 | ("5168520").URPN. | USPAT | OR | ON | 2005/01/14 13:24 |
| S52 | 36 | ("3764742" "3806874" "3886451" "3900867" "3995111" "4104694" "4126761" "4145568" "4185166" "4193073" "4277837" "4295039" "4302810" "4320387" "4326098" "4471216" "4494211" "4509093" "4536647" "4543657" "4578530" "4582434" "4589066" "4599489" "4609777" "4636583" "4641322" "4677617" "4720860" "4731841" "4802216" "4819267" "4849613" "4856062" "4890323" "5023908").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:29 |
| S57 | 58 | ("5343529").URPN. | USPAT | OR | ON | 2005/01/14 14:48 |
| S58 | 7 | ("4376279" "4672572" "4691355" "4694492" "4720860" "4723284" "4885778").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 15:25 |
| S59 | 293 | 705/67.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 15:25 |
| S60 | 171 | 705/67.ccls. | USPAT | OR | ON | 2005/01/14 15:40 |
| S61 | 0 | 705/182.ccls. or 705/186.ccls. | USPAT | OR | ON | 2005/01/14 15:40 |
| S62 | 387 | 713/182.ccls. or 713/186.ccls. | USPAT | OR | ON | 2005/01/14 15:44 |
| S63 | 32 | (713/182.ccls. or 713/186.ccls.) and point adj sale | USPAT | OR | ON | 2005/01/14 15:48 |
| S64 | 78 | ("713"/\$.ccls.) and point adj sale and personal adj identification adj number | USPAT | OR | ON | 2005/01/14 16:13 |
| S65 | 7335 | function adj4 PIN | USPAT | OR | ON | 2005/01/14 16:13 |
| S66 | 160 | function adj4 PIN and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/14 16:39 |
| S67 | 35 | eftpos | USPAT | OR | ON | 2005/01/14 16:39 |
| S68 | 169 | eftpos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:42 |

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|-----|------|--|---|----|----|------------------|
| S69 | 4330 | eft and pos and pin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:42 |
| S70 | 106 | eft and pos and pin and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:54 |
| S71 | 838 | 713/182-184.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:55 |
| S72 | 456 | 713/182-184.ccls. and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:55 |
| S73 | 223 | 713/182-184.ccls. and authentication and verification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:57 |
| S76 | 28 | (US-5490217-\$ or US-5646998-\$ or US-5661807-\$ or US-5754652-\$ or US-5917913-\$ or US-5971272-\$ or US-6012144-\$ or US-6014636-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6493457-\$ or US-6594759-\$ or US-6175921-\$ or US-6088797-\$ or US-5617470-\$ or US-5130519-\$ or US-5627355-\$ or US-5060263-\$ or US-5239583-\$ or US-5969324-\$ or US-5481611-\$ or US-5657388-\$ or US-5668876-\$ or US-4104694-\$ or US-5023908-\$).did. or (US-5097505-\$ or US-5058161-\$).did. | USPAT | OR | ON | 2005/01/14 17:11 |
| S77 | 171 | 713/168.ccls. and (PIN or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:00 |
| S78 | 19 | S77 and (POS or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/14 17:39 |
| S79 | 80 | 713/184.ccls. and (PIN or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:58 |
| S80 | 2 | ("5343529" "6078908").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:58 |
| S81 | 7 | ("5926764" "5974144" "6704789" "6119230" "5878415" "5131038" "6363151").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:59 |
| S90 | 29 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:21 |
| S91 | 6 | S90 and (pos or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:22 |
| S92 | 6 | S90 and (pos or point adj1 sale) and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:14 |
| S94 | 40 | weiss.in. and ("380"/\$.ccls. or "713"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:54 |

EAST Search History

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|----------|------|---|---|----|----|------------------|
| S95 | 36 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$ or US-5485519-\$ or US-5237614-\$ or US-5479512-\$ or US-4998279-\$ or US-4885778-\$ or US-5657388-\$ or US-5361062-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/18 11:01 |
| S96 | 13 | S95 and weiss.in. | US-PGPUB; USPAT | OR | ON | 2005/01/19 10:43 |
| S97 | 13 | S95 and weiss.in. and generat\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/18 11:52 |
| S10 0 | 4 | S95 and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:36 |
| S10 1 | 1803 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:14 |
| S10 2 | 203 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and wireless and (eft or electronic adj funds adj transfer) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:32 |
| S10 3 | 3744 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 4 | 1255 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 5 | 101 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 and ("380"/\$.ccls. or "713"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 6 | 57 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 and ("380"/\$.ccls. or "713"/\$.ccls.) | USPAT | OR | ON | 2005/01/18 12:26 |
| S10 9 | 377 | (pos or point adj1126 and S95 sale) and (pin or personal adj identification adj number) and wireless and (eft or electronic adj funds adj transfer) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:33 |
| S11 0 | 0 | S102 and S95 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:33 |
| S11 3 | 4 | S95 and wireless and PIN | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:38 |
| S11 6 | 2194 | pin same wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:38 |
| S11 7 | 2194 | pin same wireless and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:39 |
| S11 8 | 267 | pin same wireless and (pin or personal adj identification adj number) and (pos or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:39 |
| S11 9 | 67 | pin same wireless and (pin or personal adj identification adj number) and (pos or point adj1 sale) | USPAT | OR | ON | 2005/01/18 12:39 |
| S12 0 | 8685 | wireless and receiv\$3 and (pin or personal adj identification adj number) | USPAT | OR | ON | 2005/01/18 15:11 |
| S12 1 | 382 | wireless same receiv\$3 same (pin or personal adj identification adj number) | USPAT | OR | ON | 2005/01/18 15:11 |
| S12 2 | 1109 | wireless same receiv\$3 same (pin or personal adj identification adj number) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:11 |
| S12 3 | 91 | wireless same receiv\$3 same (pin or personal adj identification adj number) and one adj1 time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:12 |

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|----------|-------|---|---|----|----|------------------|
| S12 4 | 91 | wireless same receive\$3 same (pin or personal adj identification adj number) and (one adj1 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:12 |
| S12 5 | 21 | wireless same receive\$3 same (pin or personal adj identification adj number) and (one\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:20 |
| S13 6 | 166 | send same confirmation same transaction same (user or customer) | USPAT | OR | ON | 2005/01/19 07:36 |
| S14 2 | 36 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$ or US-5485519-\$ or US-5237614-\$ or US-5479512-\$ or US-4998279-\$ or US-4885778-\$ or US-5657388-\$ or US-5361062-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/19 10:43 |
| S15 2 | 143 | 705/64.ccls. | USPAT | OR | ON | 2005/01/19 12:39 |
| S15 4 | 218 | 705/75.ccls. | USPAT | OR | ON | 2005/01/19 11:31 |
| S15 6 | 116 | 705/72.ccls. | USPAT | OR | ON | 2005/01/19 15:54 |
| S15 8 | 14881 | storing and generating and determining and transmitting and displaying and input\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:11 |
| S15 9 | 2169 | S158 and ("713"/\$.ccls. or "380"/\$.ccls. or "705"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:11 |
| S16 0 | 492 | S159 and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 1 | 250 | S160 and host | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 2 | 239 | S161 and code | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 3 | 123 | S162 and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:13 |
| S16 5 | 15 | ("5177789").URPN. | USPAT | OR | ON | 2005/01/19 16:33 |
| S16 7 | 4 | "4697072".pn. "5343529".pn. "5530438".pn. "6748367".pn. | USPAT | OR | ON | 2005/01/21 11:30 |
| S16 8 | 4 | ("4697072" "5343529" "5530438" "6748367").pn. | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:44 |
| S16 9 | 1 | "20020029342".pn. and random same known | US-PGPUB; USPAT | OR | ON | 2005/10/03 09:54 |
| S17 0 | 2 | ("4697072" "5343529" "5530438" "6748367").pn. and random | US-PGPUB; USPAT | OR | ON | 2005/10/03 09:55 |
| S17 1 | 0 | "4697072".pn. and random | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 2 | 1 | "4697072".pn. and confirmation | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:20 |
| S17 3 | 4733 | random same transaction | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |
| S17 4 | 2162 | random with transaction | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |

EAST Search History

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|----------|------|--|--------------------|----|----|------------------|
| S17 5 | 30 | random with transaction same confirmation | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |
| S17 6 | 0 | "4697072".pn. and touch\$ | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 7 | 0 | "4697072".pn. and sensitive | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 8 | 0 | "4697072".pn. and screen | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 9 | 1 | "4697072".pn. and display | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S18 0 | 1 | "4697072".pn. and display\$ | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S18 1 | 3 | ("4697072" "5343529" "5530438" "6748367").pn. and (touch\$ sensitive screen display\$) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:46 |
| S18 2 | 820 | enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:46 |
| S18 3 | 40 | code with enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:52 |
| S18 4 | 45 | (US-20020013904-\$).did. or (US-4697072-\$ or US-4720860-\$ or US-4885778-\$ or US-4998279-\$ or US-5023908-\$ or US-5056141-\$ or US-5058161-\$ or US-5097505-\$ or US-5163097-\$ or US-5168520-\$ or US-5177789-\$ or US-5195133-\$ or US-5237614-\$ or US-5239583-\$ or US-5251259-\$ or US-5297202-\$ or US-5343529-\$ or US-5355413-\$ or US-5361062-\$ or US-5367572-\$ or US-5479512-\$ or US-5485519-\$ or US-5530438-\$ or US-5606614-\$ or US-5627355-\$ or US-5646998-\$).did. or (US-5655020-\$ or US-5657388-\$ or US-5661284-\$ or US-5661807-\$ or US-5668876-\$ or US-5778173-\$ or US-5936541-\$ or US-5971272-\$ or US-6000832-\$ or US-6003014-\$ or US-6018717-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-6732278-\$ or US-6748367-\$ or US-6836765-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:48 |
| S18 5 | 5 | transaction with enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 11:49 |
| S18 6 | 1087 | 713/168.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/03 11:49 |
| S18 7 | 581 | 713/168.ccls. | USPAT | OR | ON | 2005/10/03 12:00 |
| S18 8 | 1 | "5343529".pn. | USPAT | OR | ON | 2005/10/03 12:00 |
| S18 9 | 1 | "5343529".pn. and random | USPAT | OR | ON | 2005/10/03 12:00 |
| S19 0 | 9 | (US-6216183-\$ or US-6343360-\$ or US-5408417-\$ or US-5481509-\$ or US-6285916-\$ or US-5611051-\$ or US-5537313-\$ or US-6002918-\$ or US-6539363-\$).did. | USPAT | OR | ON | 2005/10/03 12:27 |
| S19 1 | 1 | "4697072".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/06 16:01 |
| S19 2 | 1 | "4697072".pn. and card | USPAT | OR | ON | 2006/04/07 10:47 |
| S19 3 | 1 | "4697072".pn. and (card smart\$) | USPAT | OR | ON | 2006/04/07 11:48 |
| S19 4 | 1 | "6178511".pn. | USPAT | OR | ON | 2006/04/07 11:48 |